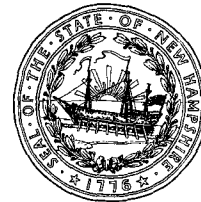


The State of New Hampshire
Department of Environmental Services



Michael P. Nolin
Commissioner

November 22, 2005

LETTER OF DEFICIENCY# WSEB 05-180

Certified Mail# 7099 3400 0003 0691 2700

George Lufkin
United Machine and Tool Design Co., Inc.
PO Box 168
Fremont, NH 03044

Subject: Fremont - Public Water System: United Machine and Tool Design (EPA# 0876020)

Dear Mr. Lufkin:

The records of the Department of Environmental Services (DES) show that the United Machine and Tool Design water system is classified as a public water system (PWS), as defined by RSA 485:1-a. A PWS is defined as any water system serving 15 or more services, or 25 or more people for 60 or more days per year. As such, the water system owner is required to submit samples to the State laboratory or a State-certified laboratory for coliform bacteria analysis in compliance with NH Administrative Rule Env-Ws 325.

DES records show that Standard Maximum Contaminant Level (MCL) violations for total coliform bacteria, as defined in NH Admin. Rule Env-Ws 315.01, have occurred and that letters of violation were issued for the following months:

October 2005 and November 2005

DES believes the MCL violations can be corrected and future violations prevented by taking the following actions:

1. **By December 9, 2005**, retain the services of a qualified water system consultant to address the system's water quality problems relative to the recent bacteria contamination events; and
2. **By December 23, 2005**, submit to DES for review a copy of the consultant's report which shall include recommendations to correct the bacteria contamination; and
3. **By January 6, 2006**, submit to DES for review and approval an implementation schedule which identifies specific dates by which steps to correct the bacteria contamination will be accomplished.

DES records also show that a significant deficiency identified during a May 4, 2005, sanitary survey of your drinking water system remains uncorrected. The deficiency concerned the sanitary seal on the top of the well head where the electrical wiring enters. This area must be sealed to prevent insects, dirt and water from entering the well. An improper sanitary seal on a well head could very well contribute to or be the cause of the continuing bacteria contamination

of your water system. The failure to notify DES that this deficiency was corrected within 90 days of the date of the sanitary survey places the system in violation of Env-Ws 306.

DES believes the sanitary survey violation can be corrected by taking the following action.

1. **By December 23, 2005**, properly seal the opening where the electrical wires enter the top of the system's bedrock well and notify DES in writing that the correction has been made.


In the event compliance is not achieved within this period, DES may initiate formal action against you, including issuing an order requiring the deficiencies to be corrected, initiating an administrative fine proceeding, and/or referring the matter to the NH Department of Justice for imposition of appropriate penalties.

The copy of the **consultant's written report, the implementation schedule, and the written confirmation that the sanitary seal has been corrected** should be addressed as follows:

Alan Leach
Department of Environmental Services
Water Supply Engineering Bureau
29 Hazen Drive, P.O. Box 95
Concord, NH 03302-0095

In addition to your operator, assistance may be available to you through a variety of sources. Financial, managerial and technical assistance is available through either of two government funded technical assistance providers. These are Granite State Rural Water Association ((603)-753-4055) and RCAP Solutions, Inc. (1-800-488-1969). Health related questions may be directed to Dave Gordon of the DES Bureau of Environmental and Occupational Health whose number is 271-4608. If you have any questions regarding this letter, please contact Alan Leach at (603) 271-2854 or by email at aleach@des.state.nh.us.

Sincerely,


COPY
Sarah Pillsbury, P.G., Administrator
Water Supply Engineering Bureau

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cc: Gretchen R. Hamel, DES Legal Unit Administrator
Town of Fremont Health Officer
Henry Deboer, Primary Operator
EPA, Region 1

ec: Jim Gill, P.E., DES
Jack Shields, GSRWA
Robert Morancy, RCAP Solutions, Inc.
Dave Gordon, DES BEOH